

Pat nt claims

1. Use of nanoscalar water soluble β -(1,3) glucans, which are substantially
5 free from β -(1,6) linkages, and have particle diameters in the area of 10 to 300 nm,
for producing cosmetic and/or pharmaceutical preparations.
- 10 2. Use according to claim 1, **characterised by** that glucans based on yeasts
of the family *Saccharomyces* are used.
3. Use according to the claims 1 and/or 2, **characterised by** that glucans are
used which have been obtained by contacting glucans with β -(1,3) and β -(1,6)
15 linkages in such a way with β -(1,6) glucanases that practically all β -(1,6) linkages
are loosened, wherafter the lysis products are brought into a nanoscalar form.
4. Use according to claim 3, **characterised by** that glucans are used which
have been treated with glucanases based on *Trichoderma harzianum*.
- 20 5. Use according to at least one of the claims 1 to 4, **characterised by** that
nano particles which are embedded in a protecting colloid are used.
6. Use according to claim 5, **characterised by** that polyvinyl alcohol or
polyethyten glycol are used as protecting colloid.
- 25 7. Use according to at least one of the claims 1 to 6, **characterised by** that
the glucans are used in amounts of 0,1 to 5 % by weight, based on the
preparations.
8. Use according to at least one of the claims 1 to 7, **characterised by** that
30 the glucans are used for manufacture of hair care agents.
9. Use according to at least one of the claims 1 to 7, **characterised by** that
the glucans are used for manufacture of skin care and sun protecting agents.